



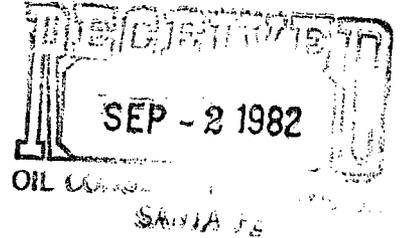
207 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1331

NSL

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC.-TREAS.

August 30, 1982



Mr. Joe Ramey, Secretary-Director
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87503

Re: Tumbleweed "QM" Com #1
Township 18S, Range 25E
Section 15
990' FNL and 990' FWL
Eddy County, New Mexico

Dear Mr. Ramey,

Yates Petroleum Corporation requests administrative approval of an unorthodox gas well location as provided for under NMOCD Rule 104F.

The referenced well requires the north half of Section 15 be dedicated to it. We think the best new channel sand is at 1980' FSL and 660' FEL. Hence, this request is for geologic reasons.

Following are the formations we expect to drill through:

San Andres	Lower Canyon
Glorieta	Strawn
Abo	Atoka
Wolfcamp Lime	Morrow Clastics
Cisco	Chester

The offset lease holder has been notified by certified mail of our intentions.

Geologic information has been sent under separate cover.

Thank you for your immediate attention to this request and if there are any questions, please call me.

Sincerely,


Cy Cowan
Regulatory Coordinator
YATES PETROLEUM CORPORATION

CC/dw

enclosure



207 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1331

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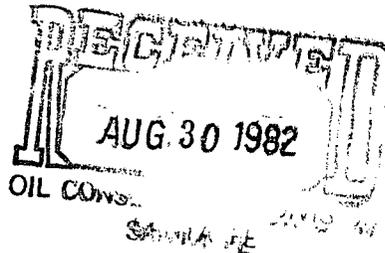
*Looks OK -
Wait on Waivers
Due on 9-20-82*

Ralph Nix?

*NSL
Rule 104 F
Waivers In
Immediate*

August 26, 1982

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501



Attention: Mr. Richard L. Stamets

Re: Unorthodox Location
Tumbleweed "QM" Com #1
Township 18 South, Range 25 East
Section 15: N/2
Eddy County, New Mexico

Wolfcamp - Pennsy/Union - Mississippian

Gentlemen:

Yates Petroleum Corporation is respectfully requesting administrative approval for an onorthodox location for the captioned well to be drilled 990' FNL and 990' FWL of Section 15, Township 18 South, Range 25 East. We have enclosed a land plat showing this location.

Waivers from Superior Oil Company and Coquina Oil Corporation will be necessary and will be forwarded to you by separate letter. Also, Ray Beck, Chief Geologist for Yates Petroleum, will be sending you all necessary geological information and statements required, as soon as they are prepared.

Thank you for your consideration and prompt attention.

Yours very truly,

YATES PETROLEUM CORPORATION

Kathy H. Colbert

Kathy H. Colbert
Landman

KHC/bh

Enclosures

cc: Oil Conservation Division, Artesia
Attn: Mr. Bill Gressett



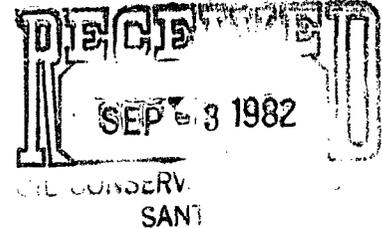
207 SOUTH FOURTH STREET
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SEC. TREAS.

August 30, 1982

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501



Attention: Mr. Richard L. Stamets

Re: Unorthodox Location
Tumbleweed "QM" Com #1
Township 18 South, Range 25 East
Section 15: N/2
Eddy County, New Mexico

Gentlemen:

With reference to our letter dated August 26, 1982, covering the captioned, we herewith enclose exhibits, including statement, land plats and excerpts from a geological log relating to the geological conditions on the captioned well.

We have verbal consents from Superior Oil Company and Coquina Oil Corporation, the offset operators to the unorthodox location, and we will send you their waivers when we receive them.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION

Kathy H. Colbert
Landman

KHC/bh

Enclosures

cc: Oil Conservation Division, Artesia
Attn: Mr. Bill Gressett



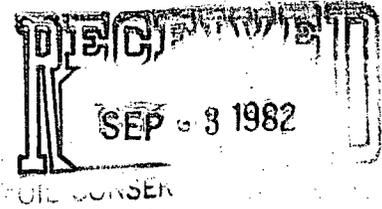
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ARTESIA, NEW MEXICO 88210

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S. P. YATES
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MARTIN YATES, III
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VICE PRESIDENT
B. W. HARPER
SEC. TREAS.

GEOLOGIC CONDITIONS
FOR THE
UNORTHODOX LOCATION
OF THE

YATES PETROLEUM CORPORATION #1 TUMBLEWEED "QM"
990' FN & WL
Section 15 18S-25E



Yates Petroleum Corporation respectfully requests administrative approval for the unorthodox location of its proposed Tumbleweed "QM" #1 to be drilled 990 feet from the North and West lines of Section 15, Township 18 South, Range 25 East, Eddy County, New Mexico. The North half of Section 15 would be dedicated to the well.

The necessity for this unorthodox location is based upon geologic conditions.

Exhibit #1 is a land plat showing the proposed location and its relationships to the surrounding acreage situation. Yellow denotes acreage in which Yates has full or partial operating rights. The proration unit is outlined in red.

Exhibit #2 is an isopach map showing the varying thickness of the Morrow clastics to Chester interval. Considerable experience in northern Eddy County has shown that wells along or close to the axes of "thicks" have a much better chance of encountering more and thicker Morrow channel sands which, if not water-bearing, are capable of producing economic volumes of gas.

According to the present interpretation of extant data, a

well drilled at the proposed location should encounter a Morrow clastics "thick" and one or more channel sands.

Exhibit #3 is an annotated excerpt from the Compensated Neutron - Formation Density log of the Yates #1 Four Dinkus "GV" State #1 located in the South half of Section 16 18S-25E. Shown on this log are the pertinent tops and the thickness interval isopached on Exhibit #2.

In summary, the proposed location is the best allowable location in the North half of Section 15 which would allow the borehole to penetrate the axis of a "thick." It is anticipated that the penetration of the axis of this "thick" will increase the chances of encountering one or more Morrow channel sands.

This discussion of geologic conditions and Exhibits #2 and #3 were prepared by Ray Beck; Exhibit #1 was prepared under his direction. Ray Beck is a geologist with Yates in Artesia and has been accepted as an expert witness previously by the New Mexico Oil Conservation Division.

STATE OF NEW MEXICO)

: ss.

COUNTY OF EDDY)

Ray Beck, being first duly sworn upon his oath, deposes and says: That he has read and is familiar with the information and allegations set forth above and the same are true and correct to the best of his information, knowledge and belief.

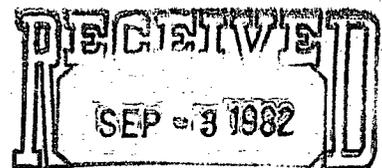
Ray Beck

RAY BECK

SUBSCRIBED AND SWORN TO AND ACKNOWLEDGED before me this 30th day of August, 1982.

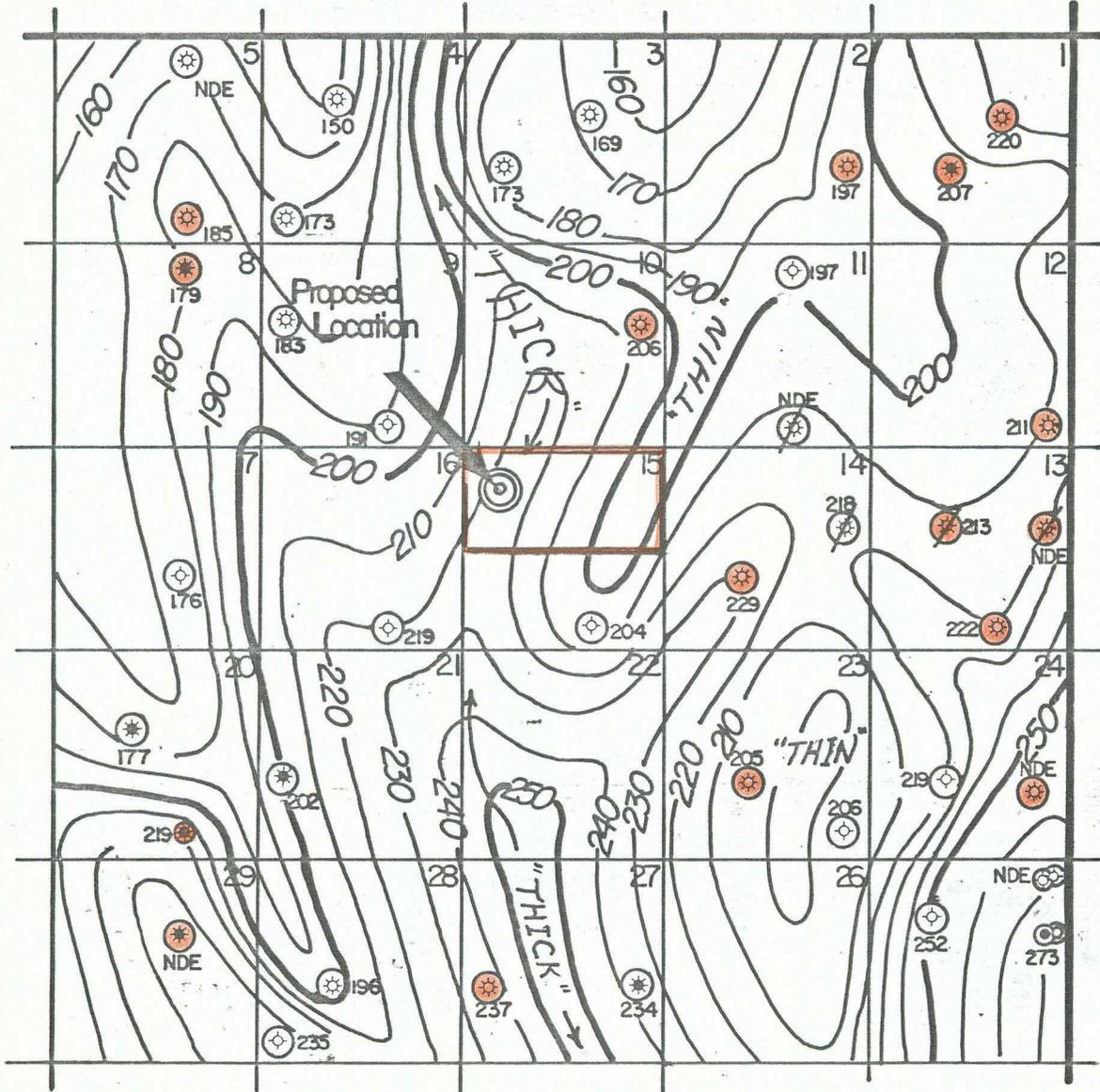
My commission expires:
June 27, 1984

Betty Ruth Hodges
Notary Public



OIL CONSERVATION DIVISION
SANTA FE

R-25-E



LEGEND

- ⊙ Morrow Penetrations
- 219 ←-- Morrow Clastics to Chester Thickness
- ⊙ Morrow Gas Producers
- ⊙ Producing from Horizons other than Morrow
- 200— Isopach Contours: Morrow Clastics to Chester C. I. = 10 Ft

Yates #1 Tumbleweed "QM"
Unorthodox Location
Exhibit #2

Schlumberger

COMPENSATED NEUTRON
FORMATION DENSITY

COUNTY EDDY
FIELD WILDCAT
LOCATION FOUR DINKUS "GV"
WELL STATE COM. #1
COMPANY YATES PETROLEUM CORP

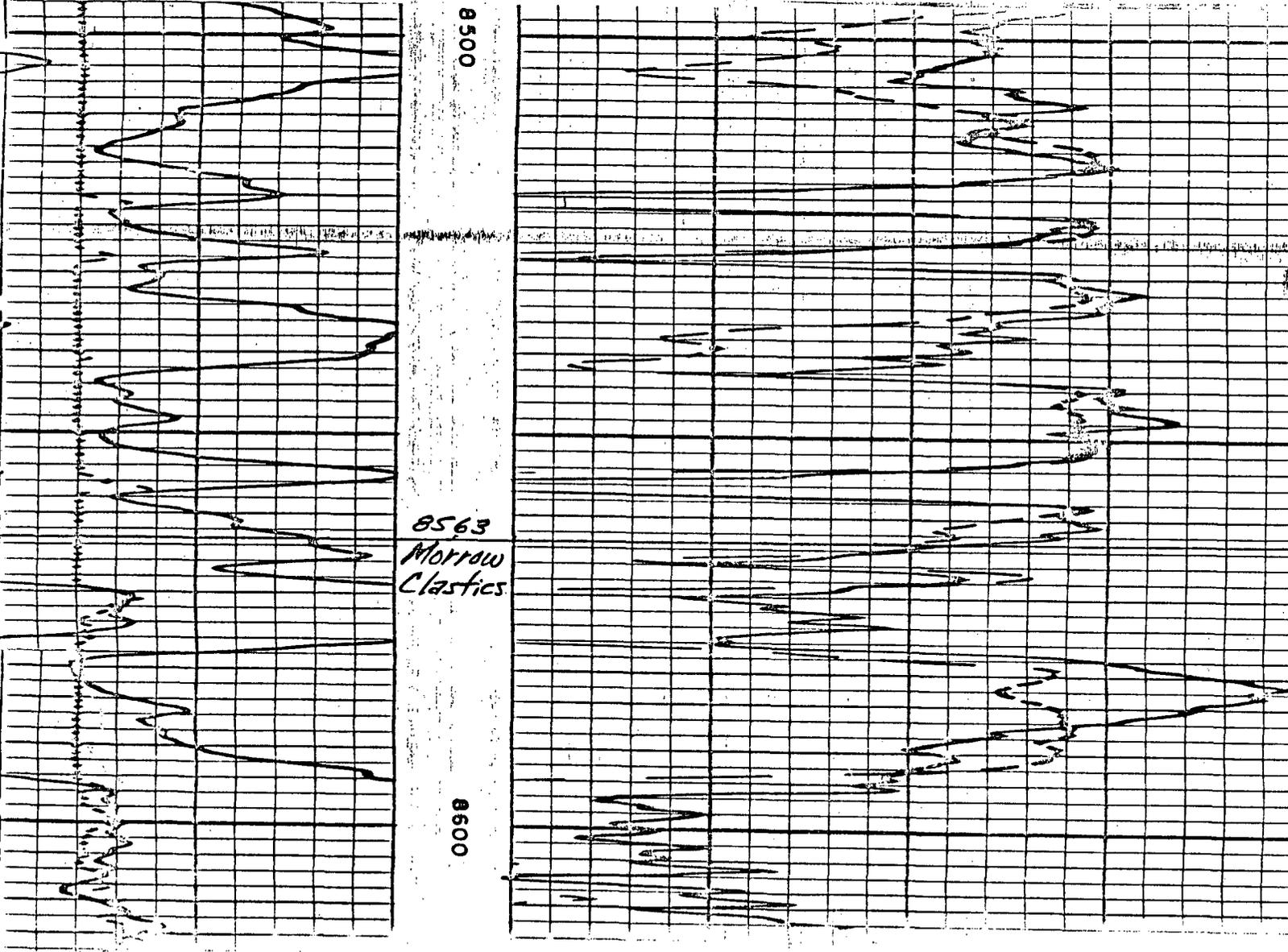
COMPANY YATES PETROLEUM CORPORATION
WELL FOUR DINKUS "GV" STATE COM. #1
FIELD WILDCAT
COUNTY EDDY STATE NEW MEXICO
LOCATION 6601 FSL & 19801 FEL
API SERIAL NO 16 SEC 16 TWP 18-S RANGE 25-E
Other Services: DLL/MSFL

Permanent Datum: G.L. 3551 Elev.: 3551
Log Measured From K.B. 15 Ft. Above Perm. Datum Elev.: K.B. 3566
Drilling Measured From K.B. 07 Elev.: D.F. 3551 G.L. 3551

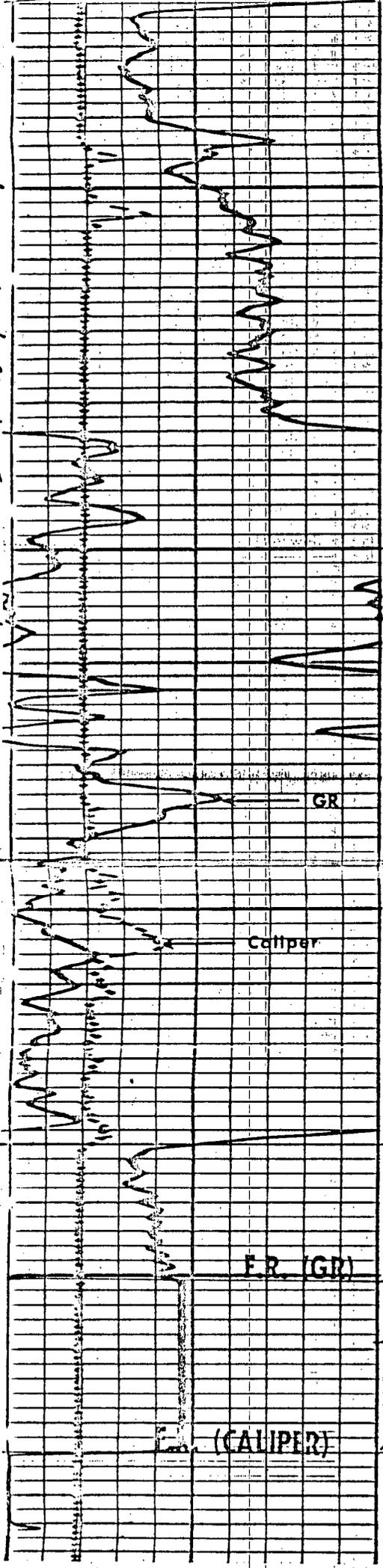
Date	3-10-77	Run No.	ONE
Depth-Driller	8810	Depth-logger	8825
Btm. Log Interval	8824	Top Log Interval	0
Casing-Driller	8 5/8 @ 1207	Casing-logger	1212
Bit Size	7 7/8	Type Fluid in Hole	FLOSAI
Dens.	9.0	Visc.	59
pH	11	Fluid Loss	6.8 ml
Source of Sample	PIT	Rm @ Meas. Temp.	21 @ 68 F
Rmf @ Meas. Temp.	16 @ 71 F	Rmc @ Meas. Temp.	@ F
Source: Rmf	M	Rmc	M
Rm @ BHT	11 @ 133 F		@ F
Circulation Stopped	2100 3-9		
Logger on Bottom	0230 3-10		
Max Rec. Temp.	133		
Equip. Location	7679 H0825		

Yates #1 Tumbleweed "QM"
Unorthodox Location
Exhibit #3

The well name, location and borehole reference data were furnished by the customer.



Normal Classics to Chester Isopack Interval



8700

GR

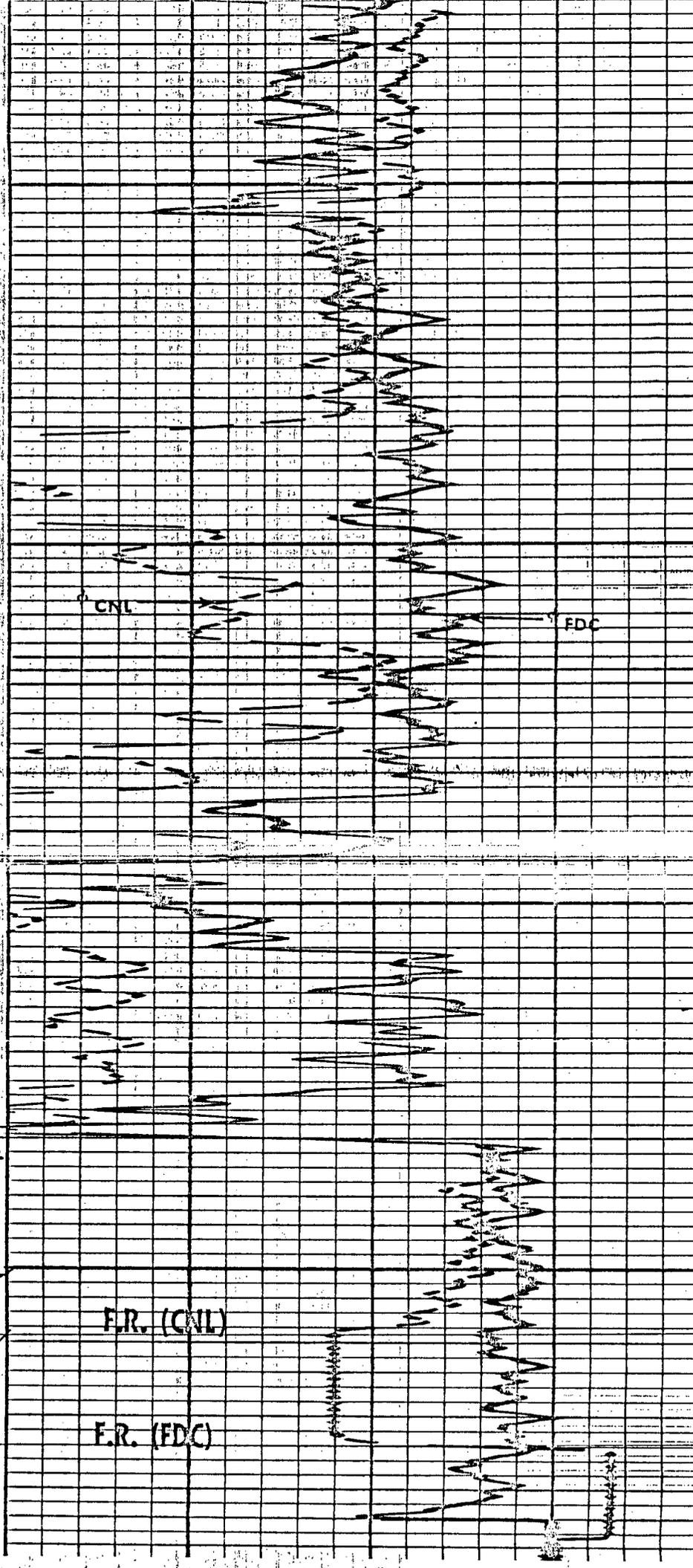
Caliper

8782
Chester
Lime

E.R. (GR)

(CALIPER)

8800



CNI

FDC

E.R. (CNI)

E.R. (FDC)



207 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210

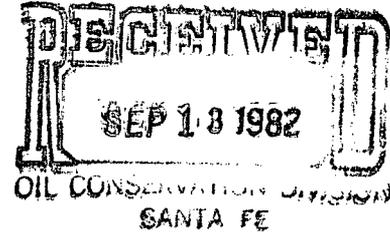
TELEPHONE (505) 748-1331

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. TREAS.

September 10, 1982

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Richard L. Stamets



Re: Unorthodox Location
Tumbleweed "QM" Com #1
Township 18 South, Range 25 East
Section 15: N/2
Eddy County, New Mexico

Gentlemen:

With reference to our earlier letter dated August 26, 1982, enclosed are executed Waivers from Coquina Oil Corporation and The Superior Oil Company, stating they have no objection to the captioned well location of 990' FNL and 990' FWL.

We appreciate your earliest consideration of our administrative approval request on this well. Please let me know should you require anything further.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION

Kathy H. Colbert
Landman

KHC/bh

Enclosures

cc: New Mexico Oil Conservation Division
Attn: Mr. Bill Gressett

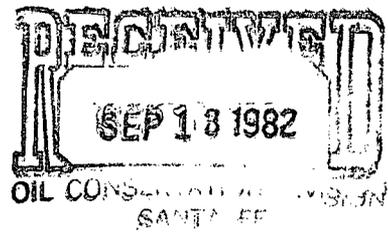
WAIVER

The Superior Oil Company, as an offset operator to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM" Com #1, in Section 15 of Township 18 South, Range 25 East, has no objection to the unorthodox location of 990' FNL and 990' FWL.

THE SUPERIOR OIL COMPANY

By E. R. Meier

DATE 9/7/82



WAIVER

Coquina Oil Corporation, as an offset operator to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM" Com #1, in Section 15 of Township 18 South, Range 25 East, has no objection to the unorthodox location of 990' FNL and 990' FWL.

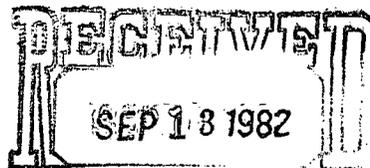
COQUINA OIL CORPORATION

By

P. E. Dyer

DATE

8/30/82



OIL CONSERVATION DIV.
SANTA FE



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

September 8, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Yates Petroleum Corp.
207 South 4th St.
Artesia, NM 88210

Re: Application for Non-Standard
Location: Tumbleweed "QM" Com. #1
15-TL:8S-R25E
Eddy County, New Mexico

We may not process the subject application for non-standard location until the required information or plats checked below (is) (are) submitted.

- A plat must be submitted clearly showing the ownership of the offsetting leases.
- A statement must be submitted that offset owners have been notified of the application by certified mail.
- A plat must be submitted fully identifying the topography necessitating the non-standard location.
- Other: According to the land map enclosed with the application not all offset operators have been notified. i.e. Amoco in the E/2 Sec. 10 and Ralph Nix in the S/2 of Sec. 15

Very truly yours

R. L. STAMETS
Technical Support Chief

RLS/dr



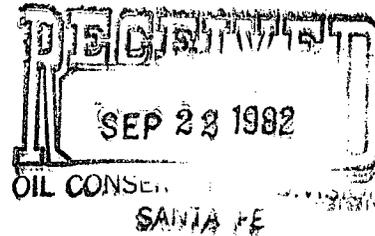
207 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1331

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC.-TREAS.

September 20, 1982

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501



Attention: Mr. Richard L. Stamets

Re: Unorthodox location
Tumbleweed "QM" Com #1
Township 18 South, Range 25 East
Section 15: N/2
Eddy County, New Mexico

Gentlemen:

Enclosed are executed waivers from Amoco Production Company and Ralph Nix, Sr., stating they have no objection to the captioned.

I am sorry these were not included in our earlier application. Please let me know if there is anything else we need to send before you can give your approval.

Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION

Kathy H. Colbert
Kathy H. Colbert
Landman

KHC/bh
Enclosures

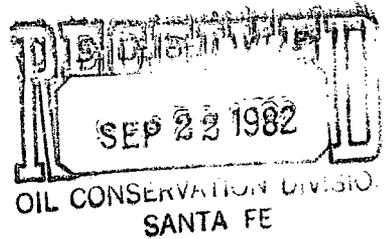
4PC
SEP 20 1982

WAIVER

Amoco Production Company, as an offset operator to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM" Com #1, in Section 15, Township 18 South, Range 25 East, Eddy County, New Mexico, has no objection to the unorthodox location of 990' FNL and 990' FWL.

AMOCO PRODUCTION COMPANY

By S. A. Reed



WAIVER

I, Ralph Nix, Sr., an offset mineral owner to Yates Petroleum Corporation's proposed location for the Tumbleweed "QM" Com #1, in Section 15, Township 18 South, Range 25 East, Eddy County, New Mexico, has no objection to the unorthodox location of 990' FNL and 990' FWL.



RALPH NIX, SR.

